

REQUEST FOR ENGINEERING SERVICES

JULY 2014

AGENCY: Department of Health Services

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LOCATION: Wisconsin Resource Center, City of Oshkosh, Winnebago County

PROJECT REQUEST:

Request release of \$78,000 Building Trust Funds – Planning to prepare preliminary plans and a design report for the Building “B” Air Tempering.

PROJECT NUMBER: 14F2C

PROJECT DESCRIPTION:

This project will provide air tempering for a portion of the patient wings in Building “B” and associated staff and program areas to reduce humidity and heat during hot weather.

This will include:

- The design of a second chiller and cooling tower in the Shared Services Mechanical Space and the extension of piping into Building “B.”
- Modification of the existing heating water system to accommodate new building terminal device loads. This may include heat exchanger, pumps, piping, etc.
- Design of new penthouse(s) as needed to establish space for new air handling systems consisting of filters, coils, fans and ductwork.
- Evaluation of the existing smoke control system and design of a new or modified smoke control system as needed.
- All new equipment being controlled by a Direct Digital Control (DDC) control system. Integration of the new DDC system with existing DDC system.

JUSTIFICATION:

The Building “B” is approximately 66,000 square feet and was constructed in 1954. Over 60% of the inmates at WRC are on psychotropic medications to treat their mental illness. Since psychotropic medications can limit the patient’s ability to maintain proper body temperature, these individuals can suffer serious medical consequences when located in areas where the temperature and humidity levels are not maintained below the danger levels. These danger levels are often exceeded in un-tempered areas. While Building “A” is air tempered, due to security, staffing, treatment programming and scheduling issues, moving at-risk inmates to air-tempered spaces is not an option.

BUDGET AND SCHEDULE:

Construction	\$
Design	
DFD Mgt	
Contingency	
Equipment	
Other Fees	
TOTAL	\$2,800,000

A/E Selection	Jul 2014
SBC Approval	May 2015
Bid Opening	Feb 2016
Start Construction	Jun 2016
Substantial Completion	Dec 2016
Final Completion	Jun 2017

PREVIOUS ACTION:

None